

REGISTRATION  
8/10-81

MAY 5 1965  
CF-211

Model 65-90

Beech Aircraft Corporation  
Wichita, Kansas 67201

Attention: Mr. Chester A. Pemblecke  
Chief Technical Engineer

Gentlemen:

This is in regard to your request to be advised by letter of Special Conditions to Part 3 of the Civil Air Regulations for propeller reversing on the Beech "King Air" Model 65-90 airplane. The following Special Conditions will apply:

CAR Reference 3.423 - Reversing Systems

Reversing system intended for ground operation only must be designed so that no single failure or malfunction of the system will result in unwanted reverse thrust under any expected operating condition. Failure of structural elements need not be considered if the probability of this kind of failure is extremely remote.

CAR Reference 3.627 (c)

Propeller reverse thrust controls shall incorporate a means to prevent their inadvertent movement to a reverse thrust position. The means provided shall incorporate a positive lock or stop at the flight idle position and shall require a separate and distinct operation by the crew in order to displace the control from the flight regime.

These requirements have been coordinated with our Washington office and they have indicated their concurrence.

If it is planned that the Airplane Flight Manual contain landing distance information with propellers in other than the "flight idle" position, please contact this office for additional guidance. It is suggested that you also contact this office with regard to testing procedures.

Sincerely yours,

Original signed by  
Walter J. O'Toole  
John A. Carron, Chief  
Engineering & Manufacturing Branch  
Flight Standards Division

cc:  
CF-1 thru CF-200  
CF-213 (2)  
CF-216 (1)  
CAHughes/CF-214:DAWuebler/CF-216:rsk:CF-214

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CONCURRENCES
RTG. SYMBOL
CF-214
INITIALS/SIG.
<i>WJ</i>
DATE
5/3/65
RTG. SYMBOL
CF-216
INITIALS/SIG.
<i>WJ</i>
DATE
5/4/65
RTG. SYMBOL
CF-210
INITIALS/SIG.
<i>WJ</i>
DATE
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